

RICK D. NYDEGGER
BRFNT P. LORIMER
THOMAS R. VUKSINICK
LARRY R. LAYCOCK
JONATHAN W. RICHARDS
DAVID R. WRIGHT
JOHN C. STRINGHAM
JOHN M. GUINN
CHARLES L. ROBERTS
DANA L. TANGREN
ERIC L. MASCHOFF
CHARLES J. VEVERKA
ROBYN L. PHILLIPS
RICHARD C. GILMORE *
STERLING A. BRENNAN
R. BURNS ISRAELSEN
DAVID R. TODD
DAVID B. DELLENBACH
L. DAVID GRIFFIN
ADRIAN J. LEE
FRASER D. ROY
CARL T. REED
R. PARRISH FREEMAN, JR.
PETER F. MALEN, JR.
L. REX SEARS, PH.D.



ROBERT E. AYCOCK
JENS C. JENKINS
MICHAEL B. DODD
BRETT I. JOHNSON
SARA D. JONES
TIGE KELLER
JANNA J. LEWIS
J. LAVAR OLDHAM
MICHAEL J. FROOSHAM
WESLEY C. ROSANDER
RYAN N. FARR
WILLIAM R. RICHTER
KEVIN W. STINGER
MATTHEW D. TODD
MATTHEW A. BARLOW
ANDREW S. HANSEN
CHAD E. NYDEGGER
JOSEPH G. PIA
CLINTON E. DUKE
JAMES B. BELSHE
KIRK R. HARRIS
MICHAEL M. BALLARD
DAVID A. JONES
SHANE K. JENSEN
JONATHAN M. BENNS, PH.D.
SCOTT A. WOODBURY
JOHN T. GAOD
MARK W. FORD
COLBY C. NUTTALL
AARON M. SMITH
KULANIAKEA FISHER
THOMAS M. BONACCI
PAUL G. JOHNSON
AMBER B. LEAVITT
JEFFERY M. LILLYWHITE
HEATHER MANWARING
JOHN C. BACOC

VERNON R. RICE §
OF COUNSEL

WORKMAN | NYDEGGER

INTELLECTUAL PROPERTY ATTORNEYS



1000 EAGLE GATE TOWER
60 EAST SOUTH TEMPLE
SALT LAKE CITY, UTAH 84111
TELEPHONE: (801) 533-9800
FAX: (801) 328-1707
WEBSITE: HTTP://WWW.WNLAW.COM

PATENT
Docket No. 15689.92

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Yushihiko Okumura

Serial No.: 09/998,601

Filed: Nov. 16, 2001

For: DATA TRANSMISSION METHOD, DATA
TRANSMISSION SYSTEM, TRANSMITTER
AND RECEIVER

Examiner: Ricky Q. Ngo

Patent No.: 7,139,243 B2

Issue Date: Nov. 21, 2006

Art Unit
2616

REQUEST FOR A CERTIFICATE OF CORRECTION UNDER 37 C.F.R. § 1.323

Attn: Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. § 1.323 which implement 35 U.S.C. § 255, the Commissioner is respectfully requested to issue a Certificate of Correction to correct mistakes in the above-identified patent. The enclosed Patent Office Form 1050 reflects the desired corrections. Also enclosed please find a check in the amount of \$100.00 to cover the costs for issuance of this certificate.

Certificate
SEP 26 2007
of Correction

09/25/2007 EEKUBAY1 00000005 7139243

01 FC:1811

100.00 OP

* Admitted only in California
§ Admitted only in Virginia

SEP 26 2007

The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account No. 23-3178. Duplicate copies of this letter are enclosed.

Dated this 6th day of September, 2007.

Respectfully submitted,

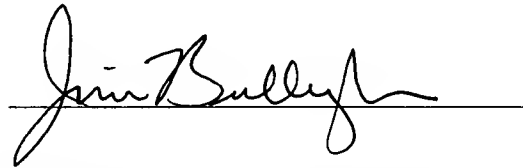


Adrian J. Lee
Attorney for Patentee
Registration No. 42,785
Customer No. 022913

AJL:jsb
Docket No. 15689.92
PR0000002225V001

CERTIFICATE OF DEPOSIT UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 19 day of September, 2007.



Transmitted: REQUEST FOR A CERTIFICATE OF CORRECTION UNDER 37 C.F.R. § 1.323,
PTO Form 1050 and Check No. 154221 for \$100.00

SEP 26 2007

RICK D. NYDEGGER
BRENT P. LORIMER
THOMAS R. VUKSINICK
LARRY R. LAYCOCK
JONATHAN W. RICHARDS
DAVID R. WRIGHT
JOHN C. STRINGHAM
JOHN M. GUYN
CHARLES L. ROBERTS
DANA L. TANGREN
ERIC L. MASCHOFF
CHARLES J. VEVERKA
ROBYN L. PHILLIPS
RICHARD C. GILMORE *
STERLING A. BRENNAN
R. BURNS ISRAELSEN
DAVID R. TODD
DAVID B. DELLENBACH
L. DAVID GRIFFIN
ADRIAN J. LEE
FRASER D. ROY
CARL T. REED
R. PARRISH FREEMAN, JR.
PETER F. MALEN, JR.
L. REX SEARS, PH.D.

WORKMAN | NYDEGGER

INTELLECTUAL PROPERTY ATTORNEYS

1000 EAGLE GATE TOWER
60 EAST SOUTH TEMPLE
SALT LAKE CITY, UTAH 84111
TELEPHONE: (801) 533-9800
FAX: (801) 328-1707

WEBSITE: HTTP://WWW.WNLAW.COM



PATENT
Docket No. 15689.92

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Yushihiko Okumura

Serial No.: 09/998,601

Filed: Nov. 16, 2001

For: DATA TRANSMISSION METHOD, DATA
TRANSMISSION SYSTEM, TRANSMITTER
AND RECEIVER

Examiner: Ricky Q. Ngo

Patent No.: 7,139,243 B2

Issue Date: Nov. 21, 2006

Art Unit
2616



ROBERT E. AYCOCK
JENS C. JENKINS
MICHAEL B. DODD
BRETT I. JOHNSON
SARA D. JONES
TIGE KELLER
JANNA J. LEWIS
J. LAVAR OLDHAM
MICHAEL J. FRODSHAM
WESLEY C. ROSANDER
RYAN N. FARR
WILLIAM R. RICHTER
KEVIN W. STINGER
MATTHEW D. TODD
MATTHEW A. BARLOW
ANDREW S. HANSEN
CHAD E. NYDEGGER
JOSEPH G. PIA
CLINTON E. DUKE
JAMES B. BELSHE
KIRK R. HARRIS
MICHAEL M. BALLARD
DAVID A. JONES
SHANE K. JENSEN
JONATHAN M. BENNS, PH.D.
SCOTT A. WOODBURY
JOHN T. GADD
MARK W. FORD
COLBY C. NUTTALL
AARON M. SMITH
KULANIAKEA FISHER
THOMAS M. BONACCI
PAUL G. JOHNSON
AMBER B. LEAVITT
JEFFERY M. LILLYWHITE
HEATHER MANWARING
JOHN C. BACOCCH

VERNON R. RICE §
OF COUNSEL

REQUEST FOR A CERTIFICATE OF CORRECTION UNDER 37 C.F.R. § 1.323

Attn: Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. § 1.323 which implement 35 U.S.C. § 255, the Commissioner is respectfully requested to issue a Certificate of Correction to correct mistakes in the above-identified patent. The enclosed Patent Office Form 1050 reflects the desired corrections. Also enclosed please find a check in the amount of \$100.00 to cover the costs for issuance of this certificate.

* Admitted only in California

§ Admitted only in Virginia

The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account No. 23-3178. Duplicate copies of this letter are enclosed.

Dated this 6th day of September, 2007.

Respectfully submitted,

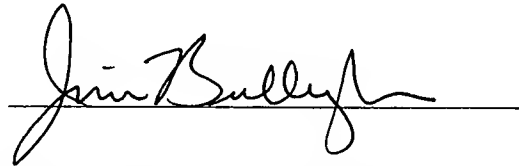


Adrian J. Lee
Attorney for Patentee
Registration No. 42,785
Customer No. 022913

AJL:jsb
Docket No. 15689.92
PR0000002225V001

CERTIFICATE OF DEPOSIT UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 19 day of September, 2007.



Transmitted: REQUEST FOR A CERTIFICATE OF CORRECTION UNDER 37 C.F.R. § 1.323,
PTO Form 1050 and Check No. 154221 for \$100.00

SEP 26 2007

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 7,139,243 B2

Page 1 of 2

APPLICATION NO. : 09/998,601

ISSUE DATE : Nov. 21, 2006

INVENTOR(S) : Yushihiko Okumura

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page

Page 2, Column 1, Foreign Patent Documents, add the following reference:

--JP WO98/47253 10/1998--

Page 2, Column 2, Other Publications, add the following publications:

--"3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Multiplexing and channel coding (FDD) (Release 1999)" pg marked in file--

--Official Notice of Rejection (translation) Mailing No.: 9-5-2004-020632812--

Column 10

Line 48, change "bites" to --bits--

Line 59, change "shows" to --show--

Column 11

Line 22, before "frame", change "s" to --a--

Column 14

Line 27, before "low", change "to" to --too--

Line 39, change "positions" to --position--

Column 15

Line 4, change "red" to --read--

Column 16

Line 47, before "low", change "to" to --too--

Column 18

Line 41, before "first", insert --the--

Column 19

Line 45, before "two", insert --to--

MAILING ADDRESS OF SENDER (Please do not use customer number)

Adrian J. Lee, Esq., WORKMAN NYDEGGER
1000 Eagle Gate Tower
60 East South Temple
Salt Lake City, Utah 84111

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

SEP 26 2007

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 7,139,243 B2

Page 2 of 2

APPLICATION NO. : 09/998,601

ISSUE DATE : Nov. 21, 2006

INVENTOR(S) : Yushihiko Okumura

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 21

Line 29, change "42" to --32--

MAILING ADDRESS OF SENDER (Please do not use customer number)

Adrian J. Lee, Esq., WORKMAN NYDEGGER
1000 Eagle Gate Tower
60 East South Temple
Salt Lake City, Utah 84111

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

SEP 26 2007

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 7,139,243 B2

Page 1 of 2

APPLICATION NO. : 09/998,601

ISSUE DATE : Nov. 21, 2006

INVENTOR(S) : Yushihiko Okumura

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page

Page 2, Column 1, Foreign Patent Documents, add the following reference:

--JP WO98/47253 10/1998--

Page 2, Column 2, Other Publications, add the following publications:

--"3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Multiplexing and channel coding (FDD) (Release 1999)" pg marked in file--

--Official Notice of Rejection (translation) Mailing No.: 9-5-2004-020632812--

Column 10

Line 48, change "bites" to --bits--

Line 59, change "shows" to --show--

Column 11

Line 22, before "frame", change "s" to --a--

Column 14

Line 27, before "low", change "to" to --too--

Line 39, change "positions" to --position--

Column 15

Line 4, change "red" to --read--

Column 16

Line 47, before "low", change "to" to --too--

Column 18

Line 41, before "first", insert --the--

Column 19

Line 45, before "two", insert --to--

MAILING ADDRESS OF SENDER (Please do not use customer number)

Adrian J. Lee, Esq., WORKMAN NYDEGGER
1000 Eagle Gate Tower
60 East South Temple
Salt Lake City, Utah 84111

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

SEP 26 2007

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 7,139,243 B2

Page 2 of 2

APPLICATION NO. : 09/998,601

ISSUE DATE : Nov. 21, 2006

INVENTOR(S) : Yushihiko Okumura

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 21

Line 29, change "42" to -32-

MAILING ADDRESS OF SENDER (Please do not use customer number)

Adrian J. Lee, Esq., WORKMAN NYDEGGER
1000 Eagle Gate Tower
60 East South Temple
Salt Lake City, Utah 84111

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

SEP 26 2007